NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M.A.R. 57 (Rule 116)

Measurement Book

SBR No. 2/13-14

ದಿನಾಂಕ: 31/12/13.

No. A/11 192760

Serial No. BR-351/31/1/14

Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of Work:- Construction of BS Slab Drain and Improvements to roads in Kuveempu Nagara IInd Stage Ragakaluve beside roads in Ward No. 11						
	Work order No:- EE/BSP/BBMP/E-TND/01/2012-13 Dated 03-09-2012						
	Work Code No:- 011-12-000054 Estimated Cost:- 10 Lakhs						
	Name of Agency:- Sri Subbanna #21 Singapura Vidyaranyapura						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on 28/9/18						
	1) Earth work excavation by Manual means in Hard soil involving an average horizontal throw up to 2mtrs & an average lift up to 0.5m Excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc. Complete as per Specifications.						
	SSM Drain at Seenappa garden	1	30.00	1.70	1.05	53.55	
		1	5.30	1.70	1.05	9.46	
	Kuvempu Nagar IInd stage BSS Lab Drain RS	1	30.00	0.60	0.60	10.80	
		1	11.60	0.60	0.60	4.18	

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work.

Date	Full description, etc, of wor
1	2
	45
	Kuvempu Nagar 2n Stage. RS
	Culvert at Kup

Contents 7	Reference to last Measurement 8
manual means in	
rage Horizontal throw	
up to 0.5m excavated	
rted, the disposed	
ter breaking of	
pening etc.	
0 × 1.05 = 53.55	
10 × 1.05 = 9.46	
60 × 0.60 = 10.80	
60 × 0.60 = 4.18	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192761

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	45	1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 23.00	× 0.60	× 0.60	= 8.28	
	Excavation Negerized Stage. EW	1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 30.00	× 0.60	× 0.60	= 10.80	
		1	× 16.00	× 0.60	× 0.60	= 5.76	
		1	× 19.40	× 0.60	× 0.60	= 6.98	
	Culvert earthwork MW	1	× 6.00	× 2.00	× 1.05	= 12.60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For Road Work	1	30.00	3.20	0.15	= 14.40	
		1	30.00	3.40	0.15	= 15.30	
		1	17.00	3.30	0.15	= 8.42	
	Designation of Drain	2	30.00	0.45	0.35	= 9.45	
		2	30.00	0.45	0.35	= 9.45	
		2	30.00	0.45	0.35	= 9.45	
		2	30.00	0.45	0.30	= 8.10	
		2	30.00	0.45	0.35	= 9.45	
		2	30.00	0.45	0.35	= 9.45	
		2	22.00	0.45	0.30	= 6.02	
				Total Qty		254.30 m³	
				Limited to		254.44 m³	

Serial No.....

Name of work.....

Name of Contractor of

Date of commencemer

Date	Full description
1	2
	2) providing quality c including Kuruppa Aggr B.S Slab Dr
	45

Depth 6	Contents 7	Reference to last Measurement 8
× 0.15 = 44.40		
× 0.15 = 15.30		
× 0.15 = 8.42		
× 0.35 = 9.45		
× 0.35 = 9.45		
× 0.35 = 9.45		
× 0.30 = 8.10		
× 0.35 = 9.45		
× 0.35 = 9.45		
× 0.30 = 6.02		
	254.30 cum	
	254.44 cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192762

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
				65.97			
	2) providing 7.5 cm thick granite slabs of selected quality roughly dressed & fixed in cement Mortar (1:6) including Fixing & Curing etc. Complete as per Specifications						
	Kuruppa Nagar II Stage B.S Slab Drain R/S	1	30.00	—	1.35 = 40.50		
		1	11.60	—	1.35 = 15.66		
		1	30.00	—	1.35 = 40.50		
	45	1	30.00	—	1.35 = 40.58		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kaveripuram Nagar 2nd Stage R/S	1	23.00	—	1.35	= 31.05	
		1	30.00	—	1.35	= 40.50	
		1	30.00	—	1.35	= 40.50	
		1	16.00	—	1.35	= 21.60	
		1	19.40	—	1.35	= 26.19	
				Total		297.84 m²	
				Limited to		297.00 m²	
				@ ₹ 348.82		₹. 103600=00	
	3) providing & laying in position plain Cement Concrete of Mix M 7.5 with OPC Cement @ 180 kgs using 40 mm & down size graded granite metal, Coarse aggregates @ 0.85 Cum & Fine aggregates @ 0.58 Cum including Mixed						

Serial No.....

Name of work.....

Name of Contractor of n

Date of commencement

Date	Full description, e
1	2
	Concrete
	Compacted
	labour, H
	SSM Do
	Seemapra
	column

K

Depth 6	Contents 7	Reference to last Measurement 8
1.35	= 31.05	
1.35	= 40.50	
1.35	= 40.50	
1.35	= 21.60	
1.35	= 26.19	
	297.84 m³	
	297.00 m³	
	M. 103600=00	

...Cement Concrete of
...180 kgs using 40 mm
...al, Coarse aggregates
...0.58 Cum Machine Mixed

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192763

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Concrete laid in layers not exceeding 15cms thick, well compacted, in Foundation & plinth, including cost of all Materials labour, Hiring Machinery, Curing etc. Complete as per Specifications						
	SSM Drain at Seemapuri gerden	1	30.00	1.80	0.15	= 8.10	
		1	7.80	1.80	0.45	= 2.11	
	culvert	1	6.00	1.80	0.45	= 1.62	
					Total	11.83 m³	
					Limited to	11.61 m³	
					@ M 4134.41	M. 48000-00	

left.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sqm using Mechanical means etc. Complete as per Specifications.						
	Qty vide Items (i) (ii)						
					Total Qty	= 829.24 m²	
					Linked	826.00 m²	
					Jkg 42.60	Ksh 35188200	
(b)	providing & laying Semi-dense bituminous Concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using Crushed aggregates of Specified grading premixed with bituminous binder at 4.5 100% of mix & Filler. Transporting the Hot mix to work site, laying with a hydrostatic						

Serial No.....
Name of work.....
Name of Contractor of na
Date of commencement

Date	Full description, e
1	2
	paver fin
	level & al
	& tandam
	as per MOR
	bitumen et
	Chi 229.00 2
	Chi 826.00 2

ENT BOOK

th	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
...ens etc. Complete as per				
...0 LM				
...Total Qty			= 839.34 m²	
...imated			826.00 m²	
...Rs 42.60				Rs. 35188200
...dense bituminous Concrete 25mm				
...oath. type HMP producing				
...tonns per hour using crushed				
...ding premixed with bitumin as				
...& filler. transporting the Hot				
...g with a hydrostatic				

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11

192772

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	paver finisher with Sensor Control to the required grade level & alignment, rolling with smooth wheeled, vibratory & tandam rollers to achieve the ~~the~~ desired the compaction as per MORTH Specifications clause No 500.8 with 80/100 grade bitumen etc. Complete as per Specifications.						
	Ch: 229.000 to 240.000	1	11.00	7.00+6.10/2 x 0.025		1.80	
	Ch: 240.000 to 270.000	1	30.00	6.10+6.40/2 x 0.025		4.69	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch: 270.00 TO 300.00 Mtrs		1 × 30.00 × $\frac{6.40+6.60}{2}$ × 0.025			= 4.88	
	Ch: 300.00 TO 321.60 Mtrs		1 × 21.60 × $\frac{6.60+7.00}{2}$ × 0.025			= 3.67	
	Ch: 0.00 TO 30.00 Mtrs		1 × 30.00 × $\frac{5.10+4.60}{2}$ × 0.025			= 3.64	
	Ch: 30.00 TO 48.20 Mtrs		1 × 18.20 × $\frac{4.60+4.50}{2}$ × 0.025			= 2.07	
	C&Fg upto 31/12/2014			Total		20.7443	
	N.B. (వా.శే.) Limited					20.65 Cum	
	Rs 9321.99					Rs. 192499-00	
	17) Lead for Disposal of Debris shall be payable at Carriage rates by Mechanical Means including loading & unloading from - 0.00 TO 2.00 Kms						

Serial No.....

Name of work.....

Name of Contractor of

Date of commencemen

Date	Full description,
1	2

BOOK

s		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
+6.60 x 0.025		4.88	
+7.00 x 0.025		3.67	
+4.60 x 0.025		3.64	
+4.50 x 0.025		2.07	
		20.74 Cft	
		20.65 Cft	
		Rs. 192499-00	

Be payble at Carriage
ship loading of Cft

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 192773

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Earthwork in	1					
	Total Earth					254.14 Cft	
	Less deduct					216.02 Cft	
	Net					Rs. 16404.00	
	Total					Rs. 1048933.00	
						103 7928=00	

31/12/13

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ಬಳಿಯ.
ಬೆ. ಮ ಪಾ. ಬೆಂಗಳೂರು-97

31/12/13

OK

th	Depth 6	Contents 7	Reference to last Measurement 8
	35.3 m		

M.A.R. 57 (Rule 116

Measurement Book

V11

192774

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						IS — 10379 —	
						MF 41517 —	
						FD — 57086 —	
						LW — 10379 —	
						CBF — 1038 —	
						RM — 29663 —	
						FIN — 2000 —	
						TOTAL — 152062 =00	

1037928 =00

152062 =00

885866 =00